										1. CH							
`, '			•		Application or Docket Number												
P	PATENT APPLICATION FEE DETERMINATION RECORD Effective November 10, 1998 09/273230																
CLAIMS AS FILED - PART I (Column 1) (Column 2)										SMALL ENTITY TYPE			OTHER THAN				
FOR			NUMBER FILED			NUMBER EXTRA			RATE FEE		FEE	1	RATE	FEE	1		
BASIC	FEE										380.00	OR		760.00			
TOTAL CLAIMS			14	minus 2	:0=	•			X\$ 9	Ű		OR	X\$18=		-		
INDEPE	NDENT CL	AIMS	4	minus	3 =	• 7			X39		/	OR	X78=	78	1		
MULTIF	MULTIPLE DEPENDENT CLAIM PRESENT										VI	OR	+260=	/			
• If the	If the difference in column 1 is less than zero, enter "0" in column 2												TOTAL	838	1		
CLAIMS AS AMENDED - PART II											7		OTHER		N		
03.1	03·18·99 (Column 1) (Column 2) (Column 3)										ENTITY	OR	SMALL				
4			aims Aining		i	RIGHEST NUMBER	PRESENT		DAT		ADDI- TIONAL	·	RATE	ADDI- TIONAL	*		
EN E			TER IDMENT			REVIOUSLY PAID FOR	EXTRA		RATI		FEE			FEE:-	L		
AMENDMENT	u- 7	•]	<u> </u>	Minus	**	<u> 20-</u>	-		X\$ 9	=	- N -	Ö Ř	X\$18=		¥		
A 100	ependent	•	4	Minus	***	_4	5		X39:	,		OR	X78=	1	ł		
FIF				ATTPLE DEF	ENL	ENT CLAIM		•	+130			OR	+260=		1		
87, 42, 47, 50										X		OR	TOTAL	-	ł		
ro	29.00								ADDIT. F	Œ		JUN.	ADDIT. FEE	<u> </u>	1		
\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	29:00		umn 1)	•		iolumn 2) Righest	(Column 3) I			-	4001	1 1		400:	ł		
T B		REM	AINING FTER		•	NUMBER REVIOUSLY	PRESENT EXTRA		RATI		ADDI- TIONAL		RATE	ADDI: TIONAL			
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	antre in achi	ma 1 le l	ace thon th	e ontre in orbi	me 2	write "O" in col	turna 3.		+130-			OR	+260=		1		
- 11 tha	Highest Nu	mber Pro	wiously Pa	ild For IN THE	S SP/	ICE is less that	n 20, enter "20.	• 1	TOT. ADDIT. FI			OR	TOTAL ADDIT. FEE	<u></u>	1		
""If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											1						
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FORM PTO-678 (Rev. 11/98) PTO/SB/06 (08-03)
Approved for use through 7731/2006, ONB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number PATENT APPLICATION FEE DETERMINATION RECORD Agricultury or Doctor Number 091273230 Substitute for Form PTO-875 CLAIMS AS FILED - PART I OTHER THAN (Cotumn 1) (Column 2) SMALL ENTITY OR SMALL ENTITY NUMBER FILED NUMBER EXTRA RATE FEE RATE (37 CFR 1.16(a)) OR TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = OR INDEPENDENT CLAIMS (37 CFR 1.18(b)) minus 3 X S OR MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) OR ullet if the difference in column 1 is less than zero, enter ullet in column 2. TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) (Column 2) OR (Column 3) SMALL ENTITY SMALL ENTITY CLAIMS HIGHES' ⋖ REMAINING PRESENT NUMBER ADDI-RATE ENDMENT ADDI-AFTER PREVIOUSLY **EXTRA** TIONAL TIONAL AMENDMENT PAID FOR FEE Total pr cfR 1.15(c)) Minus OR Minus Independent (37 CFR 1,16(b)) 1 OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d)) OR TOTAL TOTAL ADD'L FEE OR ADD'L FEE 11.26.02 (Column 1) (Cotumn 2) (Column 3) CLAIMS HIGHEST മ REMAINING PRESENT NUMBER RATE ADDI: ENT RATE ADD1-AFTER PREVIOUSLY **EXTRA** TIONAL AMENDMENT TIONAL PAID FOR FEE Total (37 CFR 1,15(c)) EEF ENDM Minus 9 6 OR Independent (37 CFR 1,16(b)) Minus a OR RRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL ADD'L FEE OR ADD'L FEE (Column 1) (Calumn 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER PRESENT RATE ADDI-RATE ADDI-ENT AFTER PREVIOUSLY **EXTRA** TIONAL TIONAL AMENDMENT PAID FOR FEE ÆEE Total ENDM Minus (37 CFR 1.16(e)) Independent Q7 CFR 1.16(b) Minus OR ₹ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d)) OR 42.47 TOTAL TOTAL ADD'L FFF OR ADD'L FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest Number Previously Paid For' (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1,16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1,14. This collection is estimated to take 12 minutes to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT APPLICATION FEE DETERMINATION RECORD Effective November 10, 1998											94	13	330
CLAIMS AS FILED - PART I (Column 1) (Column 2)									AALL YPE	ENTITY	OR		R THAN
FOR			NUMBE	ER FILED NUMBER			EXTRA		ATE	FEE	7	RATE	FEE
BASIC FEE				•						380.00	OR		760.00
TOTAL CLAIMS			14	minus	20=	•		X	\$ 9 =		OR	2000	
NDEPENDENT CLAIMS			4	minus	3 =	• /		-	39=	 /	OR	100	78
MULTIPLE DEPENDENT CLAIM PRESENT											7		-
· If	the difference	mn 1 is	less than ze	<u> </u>	30=		OR	+260=	220				
If the difference in column 1 is less than zero, enter "0" in column 2									TAL		ĮQR	TOTAL	838
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST									IALL	ENTITY	OR	OTHER SMALL	
ENTA		REMA AF	ums Uning TER DMENT		PI	HIGHEST NUMBER REVIOUSLY PAID FOR	PRESENT EXTRA	R	ATE	ADDI- TIONAL FEE	-	RATE	ADDI- TIONAL FEE:
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FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM										X	OR	+260=	A
						TOTAL		OR	TOTAL				
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8	,C		AIMS AINING	HIGHEST NUMBER		PRESENT			ADDI-	1		ADDI-	
AMENDMENT		AF	TER DMENT	· ·	PI	REVIOUSLY PAID FOR	EXTRA	R/	TE	TIONAL FEE		RATE	TIONAL FEE
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ENIC		CLA REMA	IMIS			HIGHEST NUMBER	PRESENT			ADDI-	1		ADDI-
			TER		PF	REVIOUSLY PAID FOR	EXTRA	RA	TE	TIONAL FEE		RATE	TIONAL FEE
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• #	the entry in cohir	nn 1 is los	e than th	a antry is colum	nn 2	write "ft" in ant	uma 3	+13	_		OR	+260=	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."										·			
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Application or Docket Mumber